

HP Docket No. 200310760-1

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AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Canceled)
2. (Currently amended) The optical disk of claim ~~132~~, wherein the label region is on a label side of the optical disk.
3. (Currently amended) The optical disk of claim ~~132~~, wherein the disk speed features are configured to deflect incoming light.
4. (Currently amended) The optical disk of claim ~~132~~, wherein the optical disk includes a data side and a label side.
5. (Currently amended) An optical disk, comprising:
a label region on the optical disk comprising a writeable material;
substantially identical disk speed features, disposed on the disk in a first annular ring at a first radial position and located to be readable when writing the label region, to convey disk speed data; and
disk angular orientation features different from the disk speed features, disposed on the disk in a second annular ring at a second radial position different from the first radial position and located to be readable when writing to the label side region, to convey disk angular orientation data, wherein at least some of the disk angular orientation features and at least some of the disk speed features have the same angular position.

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6. (Currently amended) The optical disk of claim 5, wherein ~~the disk speed features define a first annular ring and the disk angular orientation features define a second, different annular ring,~~ the first and second annular rings are configured for reading by an encoder.

7. (Original) The optical disk of claim 5, wherein the disk angular orientation features are defined in a mirror region of the label side of the optical disk.

8. (Original) The optical disk of claim 5, wherein the disk angular orientation features are molded.

9. (Original) The optical disk of claim 5, wherein the disk angular orientation features comprise markings within the label region.

10. (Previously presented) The optical disk of claim 5, wherein the disk speed features are molded.

11. (Previously presented) The optical disk of claim 5, wherein at least one of the disk speed features or the disk angular orientation features are printed.

12. (Previously presented) The optical disk of claim 5, wherein the disk angular orientation features comprise a surface, distinct from the writable material, having markings to indicate disk angular orientation.

13. (Original) The optical disk of claim 12, wherein the markings comprise a molded saw tooth to deflect light from a sensor.

14. (Original) The optical disk of claim 12, wherein the markings comprise interspersed

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areas with and without molded pits.

15. (Original) The optical disk of claim 12, wherein molded pits define a light-deflecting feature.

16. (Canceled)

17. (Currently amended) The optical disk of claim ~~132~~, wherein the disk speed features are molded in a mirror region of the optical disk.

18. (Currently amended) The optical disk of claim ~~132~~, wherein the disk speed features comprise a molded saw tooth to deflect light from a sensor.

19. (Currently amended) The optical disk of claim ~~132~~, wherein the disk speed features comprise interspersed areas with and without molded pits.

20. (Currently amended) A method of making an optical disk, comprising:
molding, in a first annular ring at a first radial position, a plurality of substantially identical disk speed features configured to be viewed during labeling of the optical disk, wherein an angular span of each disk speed feature is substantially identical to an angular span between each two disk speed features;

defining, in a second annular ring at a second radial position, disk angular orientation features, different from the disk speed features, configured to be viewed during labeling of the optical disk, wherein at least some of the disk angular orientation features and at least some of the disk speed features have the same angular position; and

coating a label region on the label side of the optical disk with an OPU-writable coating.

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21. (Original) The method of claim 20, wherein molding disk speed features comprises formation of a saw tooth feature.

22. (Original) The method of claim 20, wherein molding disk speed features comprises formation of areas of pits interspersed with areas having no pits.

23. (Original) The method of claim 20, wherein defining the disk angular orientation features comprises defining optically readable indicia on a planar surface of the optical disk.

24. (Currently amended) The method of claim 20, wherein defining the disk angular orientation features comprises molding the disk angular orientation features into the optical disk.

25. (Currently amended) ~~The optical disk of claim 5~~ An optical disk, comprising:
a label region on the optical disk comprising a writeable material;
disk speed features, located to be readable when writing the label region, to convey disk
speed data; and
disk angular orientation features different from the disk speed features, located to be
readable when writing to the label side, to convey disk angular orientation data, wherein at least
some of the disk angular orientation features are of different sizes.

26. (Canceled)

27. (Previously presented) The optical disk of claim 6, wherein the first and the second annular rings are radially adjacent on the disk.

28-30. (Canceled)

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31. (Currently amended) The method of claim ~~29~~20, wherein the first and the second annular rings are radially contiguous on the disk.

32. (Currently amended) An optical disk, comprising:
a label region on the optical disk comprising a writeable material; and
a plurality of substantially identical disk speed features, disposed on the disk in an annular ring and located to be readable when writing the label region to convey disk speed data, wherein each of the disk speed features is substantially equally spaced from two adjacent others of the disk speed features in an annular ring located at a particular radial position on the disk, and wherein an angular span of each disk speed feature is substantially identical to an angular span between each two disk speed features.

33. (New) The optical disk of claim 5, wherein the first annular ring is configured for reading by an encoder and the second annular ring is configured for reading by an OPU.

34. (New) The optical disk of claim 5, wherein all the disk speed features have a substantially identical size and shape, and wherein at least some of the disk angular orientation features have a different size or shape from the disk speed features

35. (New) The optical disk of claim 5, wherein at least some of the disk angular orientation features have a different size from others of the disk angular orientation features.

36. (New) The optical disk of claim 5, wherein a pattern formed by the disk angular orientation features is not symmetrical about at least some axes extending outward from the center of the disk.

37. (New) The optical disk of claim 5, wherein a pattern formed by the disk angular

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orientation features about at least some axes extending outward from the center of the disk is different from the pattern formed by the disk angular orientation features about at least some other axes extending outward from the center of the disk..

38. (New) The optical disk of claim 5, wherein an angular span of each disk speed feature is substantially identical to an angular span between each two disk speed features.